

AMENDMENTS TO THE CLAIMS

In the Claims:

The following listing of claims replaces and supersedes all prior versions and listings of claims in the application.

Listing of Claims:

1. (Currently Amended) An apparatus for processing bank notes comprising:

a transport system having a plurality of transport paths for transporting bank notes, said transport system including a diverter device with a bidirectionally drivable transport path linking two branchings of a transport path to permit bank notes in said transport path to be transported in two opposite directions, said diverter device including at least four inputs/outputs and a diverter module with at least four inputs/outputs,

wherein said branchings are disposed within said diverter module,

wherein said diverter module is a separate component arranged to be moved, as a whole, from a first position within the transport system to a second position at least partially away from the transport system, and

wherein the bidirectionally drivable transport path is in fixed position relative to said diverter module.

2. (Original) An apparatus according to claim 1, wherein the diverter module includes said bidirectionally drivable transport path between said two transport path branchings.

3. (Canceled)

4. (Previously Presented) An apparatus according to claim 1, wherein the diverter module has two single diverters each with at least three inputs/ outputs, a first input/output of the first single diverter being connected or connectable to a first input/output of the second single diverter.

5. (Previously Presented) An apparatus according to claim 4, wherein the connection between the first input/output of the first single diverter to the first input/output of the second single diverter forms the bidirectional transport path between the two transport path branchings.

6. (Previously Presented) An apparatus according to claim 1, wherein at least one or both of the single diverters (38) each have a diverter vane (49) adapted to travel between two positions to divert bank notes alternatively to one of the inputs/outputs (34-37, 60, 61) of the particular single diverter.

7. (Previously Presented) An apparatus according to claim 6, wherein the diverter vane (49) is displaceable between the two positions in a straight line and/or by means of an actuator.

8. (Previously Presented) An apparatus according to claim 1, wherein the apparatus is an apparatus (1) for depositing bank notes (113) which has an input device (7) for inputting bank notes to be deposited and at least one of the following parts: a singler (8) for singling inputted bank notes, a sensor device (10) for testing properties of inputted bank notes, an escrow (6) for temporarily storing inputted bank notes, an end cashbox (4) for final deposit of inputted bank notes, and a return device (19) for returning inputted bank notes.

9. (Previously Presented) An apparatus according to claim 8, wherein the transport system has a first transport path (100) which is connected or connectable to the end cashbox (4) for depositing inputted bank notes, a second transport path (107) which is connected or connectable to the escrow (6), a third transport path (9, 11, 24) which is connected or connectable to the input device (7), a fourth transport path (99) which is connected or connectable to the return device (19), or a combination thereof.

10. (Previously Presented) An apparatus at least according to claim 9, wherein the first to fourth transport paths are each connected or connectable to a different one of the four inputs/outputs (34-37) of the diverter module (33).

11. (Previously Presented) An apparatus according to claim 10, wherein the third transport path is connected or connectable to a second input/output (34) of the first single diverter, the fourth transport path to a third input/output (35) of the first single diverter, the first transport path to a second input/output (37) of the second single diverter, and the second transport path to a third input/output (36) of the first single diverter.

12-17. (Cancelled)

18. (Previously Presented) An apparatus at least according to claim 8, wherein a control device (13) which controls the diverter device (33) in dependence on a user-specific default such that inputted bank notes are alternatively either diverted into the escrow (6) or transported into the end cashbox (4) while bypassing the escrow (6).

19. (Previously Presented) An apparatus according to claim 18, wherein the user-specific default is prestored in the apparatus (1) or externally, can be inputted by the user by means of an operating unit, or a combination thereof.

20. (Previously Presented) An apparatus according to claim 1, wherein a bank-note storage (15) having in particular a film storage (15) with at least one rotatably

mounted spool core (164) on which at least one film strip (152, 154) can be wound and unwound.

21. (Previously Presented) An apparatus according to claim 1, wherein the spool core (164) is fastened to an output shaft (165) of a motor (162) such that rotation of the output shaft of the motor causes the spool core to corotate.

22. (Previously Presented) An apparatus according to claim 1, wherein the apparatus (1) has a cassette carrier (3) with at least one of a fastening and locking unit for an end cashbox (4), and a further transport path (21) for supplying bank notes from the first transport path (100) to the end cashbox.

23. (Previously Presented) An apparatus according to claim 22, wherein the cassette carrier (3) has at least one of mechanical, optical and magnetic drive and control elements (103, 105) for the end cashbox (4) to permit the latter to be driven or controlled free from electric contacts.

24. (Previously Presented) An apparatus according to claim 1, wherein the diverter device (33) is mounted between two escrows for transporting bank notes between the two escrows, serves as a turn-over module, is connected or connectable to a turn-over module for turning over the position of bank notes, or a combination thereof.

25. (Previously Presented) An apparatus at least according to claim 8, wherein a control device for driving the escrow which is designed so that, in a deposit transaction, bank notes stored temporarily in the escrow can be outputted again in the pending, or at least one following transaction, or a combination thereof, regardless of whether the pending deposit transaction is aborted.

26. (Withdrawn) An apparatus at least according to claim 8, wherein a control device for driving the escrow which is designed so that, in a pending deposit transaction, bank notes first introduced into the escrow (6) remain therein if they are bank notes of a predetermined denomination, a predetermined sequence of different denominations, or a combination thereof, whereas the remaining bank notes temporarily stored in the escrow in the pending transaction are transported to the return device if the pending transaction is aborted, or to the end cashbox if the pending deposit transaction is confirmed by the user.

27. (Previously presented) The apparatus of claim 17 wherein the connection of said transmission is via endless belts.

28. (Previously Presented) The apparatus of claim 22 wherein said cashbox is a bank note cassette.

29. (Previously Presented) An apparatus according to claim 1, further comprising:

a direction of rotation switch-over transmission having a transmission input shaft;

a first transmission output shaft being coupled to the transmission input shaft; and

a second transmission output shaft being coupled to the transmission input shaft;

wherein the transmission input shaft is rotatable in either of two input directions of rotation, the first transmission shaft being driveable in a direction of rotation opposite to the direction of rotation of said transmission input shaft, and the second transmission output shaft being driveable in only one direction of rotation.

30. (Previously Presented) An apparatus according to claim 29, wherein the direction of rotation switch-over transmission further has a third transmission output shaft, the third transmission output shaft being driveable in only one direction of rotation which is opposite to the direction of rotation of the second transmission output shaft.

31. (Previously Presented) An apparatus according to claim 30, wherein the transmission input shaft is coupled to the first, second and third transmission output shafts via a tooth gear coupling.

32. (Previously Presented) An apparatus according to claim 30, wherein the second and third transmission output shaft are respectively coupled to freewheels.

33. (Previously Presented) An apparatus according to claim 30, further comprising a drive unit which is coupled with the transmission input shaft of the direction of rotation switch-over transmission.

34. (Previously Presented) An apparatus according to claim 30, wherein the first transmission output shaft is connected to bidirectional transport paths of the transport system and at least one of the second and third transmission output shafts is coupled to a unidirectional transport path of the transport system.

35. (Previously Presented) An apparatus according to claim 30, wherein the apparatus is an apparatus for depositing bank notes having an input device for inputting bank notes to be deposited and a singler for singling inputted bank notes, wherein the transport system has a first transport path which is connected or connectable to an end cashbox for depositing inputted bank notes, a second transport path which is connected or connectable to an escrow, a third transport path which is connected or connectable to the input device, and a fourth transport path which is connected or connectable to a return device, and

wherein the direction of rotation switch-over transmission is connected to at least one of the first to fourth transport paths, and to the singler, for driving said at least one of the first to fourth transport paths.

36. (Previously Presented) An apparatus according to claim 1, wherein said second position is a position completely removed from said transport system in order to provide access to one or more of said transport paths.

37. (Previously Presented) An apparatus according to claim 1, wherein said second position is a position partially removed from said transport system.

38. (Previously Presented) An apparatus according to claim 36, wherein said diverter module is removably fixed in said first position with screws and moved to said second position by loosening of the screws.

39. (Previously Presented) An apparatus according to claim 37, wherein said diverter module is moved to said second position by being swiveled away from said transport system about a radial access.